

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| L1 | 2020 | (118/726).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/02 16:14 |
| L2 | 1100 | (@ad<"20050304" or @rlad<"20050304") and L1 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 16:14 |
| L3 | 198 | L2 and (roller or conveyor or in-line or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 16:14 |
| L5 | 469 | cigs near3 solar adj2 cell | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 16:57 |
| L6 | 384 | L5 and (control\$4 or sens\$3 or detect\$3 or monitor\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 16:57 |
| L7 | 216 | (solar near3 cell) and (roller or conveyor or in-line or web) and (sens\$3 or detect \$3 or monitor\$3 or quartz near3 crystal) near5 thickness | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:02 |
| L8 | 219 | (solar near3 cell) and (roller or conveyor or in-line or web) and (sens\$3 or detect \$3 or monitor\$3) near5 composition | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:05 |
| L9 | 129 | (@ad<"20050304" or @rlad<"20050304") and 8 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:05 |
| L10 | 9 | (solar near3 cell) and (roller or conveyor or in-line or web) and (sens\$3 or detect \$3 or monitor\$3) near5 composition same outside | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:13 |
| L11 | 2 | (@ad<"20050304" or @rlad<"20050304") and 10 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:13 |
| L14 | 16 | ("3539883" "3560812" "3614549" "3978510" "4016586" "4024558").PN. OR ("4121238").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:18 |
| L15 | 28 | (solar near3 cell) and (X-ray near2 fluorescence or SRF or EDX or energy adj2 dispersion adj2 X-ray adj2 spectroscopy) with (outside or inside) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:26 |
| L17 | 632 | (solar near3 cell) and (resistance) near5 composition | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:51 |

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| L18 | 369 | (@ad<"20050304" or @rlad<"20050304") and 17 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:51 |
| L19 | 23 | (solar near3 cell) and (resistance near4 (measur\$5 or detect\$3 or sens\$3 or monitor\$3 or gauge)) near7 composition | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:54 |
| L20 | 12 | (@ad<"20050304" or @rlad<"20050304") and 19 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 17:54 |
| S55 | 2879 | (118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S56 | 2768 | 141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S57 | 8622 | 137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S58 | 522 | 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S59 | 12775 | 118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S60 | 7590 | 261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |

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| S61 | 34284 | (118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S62 | 36395 | S55 or S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S63 | 2709 | 261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/10/20 14:10 |
| S64 | 1 | 10/591391 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 13:12 |
| S65 | 3 | ("20030082834" "5439575" "5441897").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 13:39 |
| S66 | 6 | Stolt-Lars.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 13:45 |
| S67 | 6 | Kessler-John.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 13:46 |
| S68 | 10 | S66 S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/11/24 13:46 |

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|-----|------|---|---------------------------|----|----|---------------------|
| S69 | 7060 | cigs | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 09:59 |
| S70 | 450 | cigs near3 solar adj2 cell | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:00 |
| S71 | 371 | S70 and (control\$4 or sens \$3 or detect\$3 or monitor \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:01 |
| S72 | 116 | (@ad<"20050304" or @rlad<"20050304") and S71 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:02 |
| S73 | 79 | S72 and molybdenum near5 layer | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:56 |
| S74 | 450 | cigs near3 solar adj2 cell | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:57 |
| S75 | 371 | S74 and (control\$4 or sens \$3 or detect\$3 or monitor \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:57 |
| S76 | 116 | (@ad<"20050304" or @rlad<"20050304") and S75 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:57 |
| S77 | 9 | S76 and molybdenum near3 back near2 layer | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 10:57 |
| S78 | 450 | cigs near3 solar adj2 cell | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:27 |
| S79 | 371 | S78 and (control\$4 or sens \$3 or detect\$3 or monitor \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:27 |
| S80 | 116 | (@ad<"20050304" or @rlad<"20050304") and S79 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:27 |
| S81 | 1 | S80 and profilometers | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:27 |
| S82 | 5 | S80 and xrf | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:29 |
| S83 | 48 | S80 and (Ga! or gallium) adj3 (cu! or copper) adj3 (In! or indium) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 13:52 |
| S84 | 128 | S78 and (Ga! or gallium) adj3 (cu! or copper) adj3 (In! or indium) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:03 |
| S85 | 48 | (@ad<"20050304" or @rlad<"20050304") and S84 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:03 |
| S86 | 128 | (@ad<"20050304" or @rlad<"20050304") and S78 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:04 |
| S87 | 12 | S86 not S80 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:05 |
| S88 | 374 | S78 and (order or sequence) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:06 |
| S89 | 4 | S78 and (order or sequence) near4 (Ga! or gallium) adj3 (cu! or copper) adj3 (In! or indium) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:06 |

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| S90 | 12 | Ga/cu/In | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:13 |
| S91 | 43 | 10/943685 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/01/18 14:16 |
| S92 | 49 | ("4335266" "4523051" "4611091" "4612411" "4680422" "4684761" "4703131" "4735662" "4795501" "4867801" "4915745" "5028274" "Re31968").PN. OR ("5141564").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 06:34 |
| S93 | 979 | (doser or evaporator or vaporizer or crucible or (knudsen or effusion) adj cell or (evaporat\$3 or vaporat\$3 or vapor) near3 (source or unit or device or apparatus or container or vessel or suppl\$2)) near4 (rows! or columns!) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 07:26 |
| S94 | 103 | S93 and (roller or conveyor or in-line or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 07:29 |
| S95 | 72 | (@ad<"20050304" or @rlad<"20050304") and S94 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 07:29 |
| S96 | 2020 | (118/726).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/02 10:58 |
| S97 | 1100 | (@ad<"20050304" or @rlad<"20050304") and S96 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 10:58 |
| S98 | 979 | (doser or evaporator or vaporizer or crucible or (knudsen or effusion) adj cell or (evaporat\$3 or vaporat\$3 or vapor) near3 (source or unit or device or apparatus or container or vessel or suppl\$2)) near4 (rows! or columns!) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:00 |
| S99 | 103 | S98 and (roller or conveyor or in-line or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:00 |
| S100 | 216 | (solar near3 cell) and (roller or conveyor or in-line or web) and (sens\$3 or detect \$3 or monitor\$3 or quartz near3 crystal) near5 thickness | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:15 |
| S101 | 133 | (@ad<"20050304" or @rlad<"20050304") and S100 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:15 |

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| S102 | 6 | (solar near3 cell) and (roller or conveyor or in-line or web) and (sens\$3 or detect \$3 or monitor\$3 or quartz near3 crystal) near5 thickness with outside | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:25 |
| S103 | 1 | (solar near3 cell) and (doser or evaporator or vaporizer or crucible or (knudsen or effusion) adj cell or (evaporat \$3 or vaporat\$3 or vapor) near3 (source or unit or device or apparatus or container or vessel or suppl \$2)) near4 outside near5 (roller or conveyor or in-line or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:37 |
| S104 | 2 | (solar near3 cell) and source near4 outside near5 (roller or conveyor or in-line or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:41 |
| S105 | 451 | (solar near3 cell) and (X-ray near2 fluorescence or SRF or EDX or energy adj2 dispersion adj2 X-ray adj2 spectroscopy) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:54 |
| S106 | 219 | (@ad<"20050304" or @rlad<"20050304") and S105 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 11:55 |
| S107 | 1169 | (solar near3 cell) and (resistance) near5 thickness | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 12:14 |
| S108 | 2 | (solar near3 cell) and (resistance near3 (sens\$3 or detect\$3 or monitor\$3)) near5 thickness | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 12:15 |
| S109 | 333 | (solar adj2 cell) and (Ga! or gallium) adj2 (cu! or copper) adj2 (In! or indium) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 12:35 |
| S110 | 139 | (@ad<"20050304" or @rlad<"20050304") and S109 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/02/02 12:35 |

EAST Search History (Interference)

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2/ 2/ 2011 6:59:20 PM**C:\ Documents and Settings\ kchen1\ My Documents\ EAST\ Workspaces\ 10591391.wsp**